



Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

This certificate is issued to:

PRODUCER	Trafag AG Industriestr. 11 CH-8608 Bubikon Switzerland
DESCRIPTION	Pressure switch Picostat PST4B
TYPE	9B4.①②.③.04.④ ① = Microswitch: 42, 84 ② = Range: 74, 76, 77, 78, 79, 80, 81 (-0.6...3.4 to 4.0...40.0 bar) ③ = Sensor: 769 (Range 74), 770 (Range 76/77), 771 (Range 78/79), 772 (Range 80/81) 753 (Range 76/77) 754 (Range 78/79) ④ = Accessories: 11, 46, 74, V3, 16, 88
APPLICATION	Marine, offshore and industrial applications for use in environmental categories ENV1, ENV2, ENV3 and ENV4 as defined in LR Type Approval System, Test Specification Number 1 - 2002.
ADDITIONAL TESTS	Dry heat (85°C/16hrs) Low temperature (-25°C/16hrs) Enclosure IP65
STANDARD	Manufacturer's specification
Certificate No.	13/20016 (E1)
Issue Date	18 March 2018
Expiry Date	17 March 2023
Sheet	1 of 2

Thorsten Wolff
Hamburg Technical Support Office



Lloyd's Register EMEA

LR031.1.2013.12

Thorsten Wolff
Hamburg Technical Support Office
Lloyd's Register EMEA

Lloyd's Register EMEA
71 Fenchurch Street, London EC3M 4BS

Lloyd's Register EMEA
Is a subsidiary of Lloyd's Register Group



Lloyd's
Register

RATINGS

Pressure range: -0.6...3.4 to 4.0...40.0 bar
Output: floating change-over contact

PLACE OF PRODUCTION

Trafag spol. s.r.o.
Vilemowska 2129
CZ-34701 Tachov
Czech Republic


The Type Approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations.

If the specified standards are amended during the validity of this certificate, the product is to be re-approved prior to it being supplied to vessels to which the amended standards apply.

The Design Appraisal Document No. HTS/ETS 36628-18 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

Certificate No. 13/20016 (E1)
Issue Date 18 March 2018
Expiry Date 17 March 2023
Sheet 2 of 2

Thorsten Wolff
Hamburg Technical Support Office
Lloyd's Register EMEA



LR031.1.2013.12

Thorsten Wolff
Hamburg Technical Support Office
Lloyd's Register EMEA

Lloyd's Register EMEA
71 Fenchurch Street, London EC3M 4BS

Lloyd's Register EMEA
Is a subsidiary of Lloyd's Register Group

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as the 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.